DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the low named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

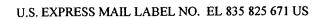
STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY

he spe	cification of which (chec	k one)		
X	is attached hereto. was filed on Oct as Application Serial N and was amended on	cober 5, 2001 lo. 09/972,207	(if applicable).	
I hereb claims,	y state that I have review as amended by any ame	red and understand the ndment referred to abo	contents of the above identified sove.	specification, including the
I ackno		ose information which	is material to patentability as def	fined in Title 37, Code of
I herebany fo which	oy claim foreign priority reign application(s) for p	benefits under Title 35 atent or inventor's cer ountry other than the U r inventor's certificate	tificate, or Section 119 tificate, or Section 365(a) of any United States, listed below and ha or PCT International application	ve also identified below any
	Foreign Application(s)			Priority Claimed
THOL	•			YesNo
	None (Number)	(Country)	(Day/Month/Year Filed)	
Section subject Interral acking Feder	on 365(c) of any PCT Int of matter of each of the c national application in the	ernational application laims of this application manner provided by the close information which .56, which occurred b	tes Code, Section 120 of any Unit designating the United States, list on is not disclosed in the prior Un the first paragraph of Title 35, Un h is material to patentability as de etween the filing date of the prior	ited States or PCT ited States Code, Section 112, efined in Title 37, Code of
	None	(Filing Date)	(Status) (patented, per	nding, abandoned)
l here infor willf Title	mation and belief are bel	nents made herein of n ieved to be true; and fi e like so made are pur Code and that such wil	ny own knowledge are true and thurther that these statements were nishable by fine or imprisonment, lful false statements may jeopard	nat all statements made on made with the knowledge that or both, under Section 1001 of

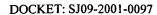
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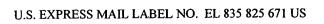
Paik Saber (#37,494) Randall J. Bluestone (#40,518) Ron Feece (#46,327) William D. Gill (#44,124) Esther E. Klein (#33,409) Robert B. Martin (#26,945) Douglas R. Millett (#31,784) Lewis L. Nunnelley (#42,942) Abdy Raissinia (#38,686) Christopher A. Hughes (#26,914) Edward A. Pennington (#32,588) John E. Hoel (#26,279) Joseph C. Redmond, Jr. (#18,753)

Send correspondence to:	IBM Corporation Intellectual Property Law 5600 Cottle Road (L2PA/0142) San Jose, CA 95193				
Direct Telephone Calls to:	David J. Powsner	(617) 439-2717			
Full name of sole or first joint-inventor: Paul Lawr	ence Bradshaw				
Inventor's signature:	Date:				
Residence: 309 Heavenly Way Santa Cruz, CA 950	065				
Citizenship: USA	Citizenship: USA				
Post Office Address: Same					
Full name of second joint-inventor: Brian Augustine Delaire					
Inventor's signature: Date:					
Residence: 38448 Crosspointe Cmn. Fremont, CA 94536					
Citizenship: USA					
Post Office Address: Same					



Full name of third joint-inventor: Daniel Graham Douglas			
Inventor's signature:	Date:		
Residence: 1607 Puerto Vallarta Drive San Jose, CA 95120			
Citizenship: USA			
Post Office Address: Same			
Full name of fourth joint-inventor: Douglas Paul Dunham			
Inventor's signature:	Date:		
Residence: 89 Cashew Blossom Drive San Jose, CA 95123-2105			
Citizenship: USA			
Post Office Address: Same			
Full name of fifth joint-inventor: Tina Lynn Dunton			
Inventor's signature:	Date:		
Residence: 5690 Lilac Blossom Lane San Jose, CA 95123			
Citizenship: USA			
Post Office Address: Same			





Full name of sixth joint-inventor: David Wilson Groves				
Inventor's signature:	Date:			
Residence: 1118 Settle Avenue San Jose, CA 95125				
Citizenship: USA				
Post Office Address: Same				
Full name of seventh joint-inventor: Vincent Jomartin Hoan	g			
Inventor's signature:	Date:			
Residence: 1094 Saddlewood Drive San Jose, CA 95121				
Citizenship: USA				
Post Office Address: Same	•			
Full name of eighth joint-inventor: Nancy Lott Hobbs				
Inventor's signature:	Date:			
Residence: 969 Leighton Way Sunnyvale, CA 94087				
Citizenship: USA				
Post Office Address: Same				

Full name of ninth joint-inventor: His Tai (Steve) Hsu			
Inventor's signature:	Date:		
Residence:			
Citizenship:			
Post Office Address: Same			
Full name of tenth joint-inventor: Louis Leo Lorber			
Inventor's signature:	Date:		
Residence: 205 Alviso Street Santa Clara, CA 95050			
Citizenship: USA			
Post Office Address: Same			
Full name of eleventh joint-inventor: Ngoc V. Nguyen			
Inventor's signature:	Date:		
Residence:			
Citizenship:			
Post Office Address: Same			

Full name of twelfth joint-inventor: Gregory John Tevis			
Inventor's signature: Huggy John Jas Date: 2-26-2002			
Residence: 2811 West Puccini Place Tuscon, AZ 85741			
Citizenship: USA			
Post Office Address: Same			
Full name of thirteenth joint-inventor: Ophelia K. Yip			
Inventor's signature:	Date:		
Residence: 1717 Taraval Street San Francisco, CA 94116			
Citizenship: USA			
Post Office Address: Same			
Full name of fourteenth joint-inventor:			
Inventor's signature:	Date:		
Residence:			
Citizenship:			
Post Office Address: Same			

MAR 1 5 2002 DECLARATED

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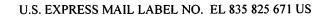
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	Foreign Application(s)			Priority Claimed
11101 1				YesNo
	None (Number)	(Country)	(Day/Month/Year Filed)	
Sections subject the subject t	n 365(c) of any PCT Int at matter of each of the c ational application in the	ernational application di laims of this application manner provided by the close information which 1.56, which occurred bet	s Code, Section 120 of any United esignating the United States, listed is not disclosed in the prior United e first paragraph of Title 35, United is material to patentability as definance the filing date of the prior approximate.	d States or PCT d States Code, Section 112, and in Title 37, Code of
(App	None	(Filing Date)	(Status) (patented, pendi	ng, abandoned)
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IBM Corporation Send correspondence to: Intellectual Property Law 5600 Cottle Road (L2PA/0142) San Jose, CA 95193 David J. Powsner (617) 439-2717 Direct Telephone Calls to: Full name of sole or first joint-inventor: Paul Lawrence Bradshaw Inventor's signature: Date: Residence: 309 Heavenly Way Santa Cruz, CA 95065 Citizenship: USA Post Office Address: Same Full name of second joint-inventor: Brian Augustine Delaire Inventor's signature: Bue Relie Date: 2/21/02 Residence: 38448 Crosspointe Cmn. Fremont, CA 94536 Citizenship: USA Post Office Address: Same



Full name of third joint-inventor: Daniel Graham Douglas			
Inventor's signature:	Date:		
Residence: 1607 Puerto Vallarta Drive San Jose, CA 95120			
Citizenship: USA			
Post Office Address: Same			
Full name of fourth joint-inventor: Douglas Paul Dunham			
Inventor's signature:	Date: 12/12/2001		
Residence: 89 Cashew Blossom Drive San Jose, CA 95123-	2105		
Citizenship: USA			
Post Office Address: Same			
Full name of fifth joint-inventor: Tina Lynn Dunton			
Inventor's signature: Mad Auton	Date: 1-7-2002		
Residence: 5690 Lilac Blossom Lane San Jose, CA 95123	3		
Citizenship: USA			
Post Office Address: Same			

Full name of sixth joint-inventor: David Wilson Groves				
Inventor's signature: Varial Williams Date: 1/2/2002				
Residence: 1118 Settle Avenue San Jose, CA 95125				
Citizenship: USA				
Post Office Address: Same				
Full name of seventh joint-inventor: Vincent Jomartin Hoang				
Inventor's signature: Une Date: 12/11/2001				
Residence: 1094 Saddlewood Drive San Jose, CA 95121				
Citizenship: USA				
Post Office Address: Same				
Full name of eighth joint-inventor: Nancy Lott Hobbs				
Inventor's signature: August Date: 12/12/01				
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Full name of ninth joint-inventor: His Tai (Steve) Hsu			
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Inventor's signature: Louis Lug Luger	Date: /2-/2-200/		
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Citizenship: USA			
Post Office Address: Same			
Full name of eleventh joint-inventor: Ngoc V. Nguyen			
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Residence: 2811 West Puccini Place Tuscon, AZ 85741	
Citizenship: USA	
Post Office Address: Same	
Full name of thirteenth joint-inventor: Ophelia K. Yip	
Inventor's signature:	Date: 2/27/02
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MAR 1 5 2002

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Inventor's signature:	Date:
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Full name of ninth joint-inventor: His Tai (Steve) Hsu HON-Tai Hon Date: 2/23/02 ONDINA DRIVE, FREMONT. CA. 94539 Inventor's signature: Citizenship: USA Post Office Address: Same Full name of tenth joint-inventor: Louis Leo Lorber Date: Inventor's signature: Residence: 205 Alviso Street Santa Clara, CA 95050 Citizenship: USA Post Office Address: Same Full name of eleventh joint-inventor: Ngoc V. Nguyen Date: Inventor's signature: Residence: Citizenship: Post Office Address: Same

Full name of twelfth joint-inventor: Gregory John Tevis	
Inventor's signature:	Date:
Residence: 2811 West Puccini Place Tuscon, AZ 85741	
Citizenship: USA	
Post Office Address: Same	
Full name of thirteenth joint-inventor: Ophelia K. Yip	
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Post Office Address: Same	
Full name of fourteenth joint-inventor:	
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DOCKET: SJ09-2001-0097

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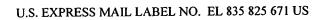
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	duty to disclose			is defined in Title 37, Code of	
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				YesNo)
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Residence: 1588 WILLOWDALE DR S	SAN JOSE CA 95118
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Feder	al Regulations, Section 1.5	6.	is material to patentability as def	
any for	oreign application(s) for pa	nuntry other than the University inventor's certificate	, United States Code, Section 119 ifficate, or Section 365(a) of any lunited States, listed below and har or PCT International application	ve also identified below any
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<u></u>	None	(Filing Date)	(Status) (patented, per	nding, abandoned)
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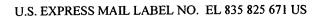
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Inventor's signature: Date:		
Residence: 5690 Lilac Blossom Lane San Jose, CA 95123		
Citizenship: USA		
Post Office Address: Same		

Full name of sixth joint-inventor: David Wilson Groves		
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Citizenship: USA		
Post Office Address: Same		
Full name of seventh joint-inventor: Vincent Jomartin Hoang		
Inventor's signature:	Date:	
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Post Office Address: Same		
Full name of eighth joint-inventor: Nancy Lott Hobbs		
Inventor's signature:	Date:	
Residence: 969 Leighton Way Sunnyvale, CA 94087		
Citizenship: USA		
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Inventor's signature:	Date:	
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Full name of tenth joint-inventor: Louis Leo Lorber		
Inventor's signature:	Date:	
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Post Office Address: Same		
Full name of eleventh joint-inventor: Ngoc V. Nguyen		
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Full name of twelfth joint-inventor: Gregory John Tevis	
Inventor's signature:	Date:
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Post Office Address: Same	
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Full name of fourteenth joint-inventor:	,
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DOCKET: SJ09-2001-0097

CLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

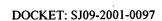
STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY

the spec	ification of which (chec	k one)		
X		tober 5, 2001 No09/972,207	_ (if applicable).	
I hereby claims,	state that I have reviev as amended by any ame	ved and understand the condment referred to above	contents of the above identified spove.	ecification, including the
I ackno Federal	wledge the duty to discl Regulations, Section 1.	ose information which i 56.	s material to patentability as define	ed in Title 37, Code of
any for which of foreign	eign application(s) for p	eatent or inventor's certification ountry other than the Uring inventor's certificate of	United States Code, Section 119(a ficate, or Section 365(a) of any PC nited States, listed below and have or PCT International application has	also identified below any
Prior F	oreign Application(s)			Priority Claimed
	None	(Country)	(Day/Month/Year Filed)	YesNo
Section subject International acknowledge	y claim the benefit under 365(c) of any PCT Into matter of each of the claim application in the	ernational application de laims of this application manner provided by the lose information which .56, which occurred bet	s Code, Section 120 of any United esignating the United States, listed is not disclosed in the prior United e first paragraph of Title 35, Unite is material to patentability as definated the filing date of the prior ap	d States or PCT d States Code, Section 112, and in Title 37, Code of
(Appli	None	(Filing Date)	(Status) (patented, pendin	ng, abandoned)
inform willful Title 1	nation and belief are beli	ieved to be true; and furt e like so made are punis Code and that such willfu	own knowledge are true and that ther that these statements were manable by fine or imprisonment, or all false statements may jeopardize	both, under Section 1001 of

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